

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ronald J. Powell, et al. ) Art Unit: Unknown  
Serial No.: Unknown )  
Filed: Concurrently Herewith ) Examiner: Unknown  
For: Enzyme Compositions and )  
Methods of Using These )  
Compositions to Degrade )  
Succinoglycan )

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS  
Alexandria, VA 22313-1450

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent Number 5,247,995 issued 09/28/93 to Robert M. Tjon-Joe-Pin, et al;

U.S. Patent Number 5,566,759 issued 10/22/96 to Robert M. Tjon-Joe-Pin, et al;

U.S. Patent Number 5,184,679 issued 02/09/93 to Hon C. Lau;

U.S. Patent Number 5,247,995 issued 09/28/93 to Robert M. Tjon-Joe-Pin, et al;

U.S. Patent Number 4,754,809 issued 07/05/88 to Marinus van Zanten, et al;

U.S. Patent Number 5,851,042 issued 11/03/98 to Magali Knipper, et al;

U.S. Patent Number 5,514,792 issued 05/07/96 to Magali Knipper, et al;

U.S. Patent Number 5,251,699 issued 10/12/93 to Hon C. Lau, et al; and

U.S. Patent Number 5,104,566 issued 04/14/92 to Gilles Guerin, et al.

OTHER PRIOR ART

K.P. Fayad, et al; "Purification and Properties of a B-1, 6-Glucanase from Streptomyces SP. EF-14, an Actinomycete Antagonistic to Phytophthora SPP."; Applied Microbiology Biotechnology; pp. 117-123.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,



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<b>FORM PTO-1449 (Modified)</b>  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		ATTY. DOCKET NO. 2001-IP-004326U1	SERIAL NO.
		APPLICANT Ronald J. Powell, et al	
		FILING DATE	GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,247,995	09/28/93	Tjon-Joe-Pin, et al	166	312	07/08/92
	AB	5,566,759	10/22/96	Tjon-Joe-Pin, et al	166	300	01/09/95
	AC	5,184,679	02/09/93	Lau	166	278	11/27/91
	AD	5,247,995	09/28/93	Tjon-Joe-Pin, et al	166	132	07/08/92
	AE	4,754,809	07/05/88	Van Zanten, et al	166	246	04/10/87
	AF	5,831,042	11/03/98	Knipper, et al	536	1.11	06/07/95
	AG	5,514,792	05/07/96	Knipper, et al	536	124	02/17/95
	AH	5,251,699	10/12/93	Lau, et al	166	278	05/26/92
	AI	5,104,566	04/14/92	Guerin, et al	510	418	10/09/90
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AR	K.P. Fayad, et al; "Purification and Properties of a B-1, 6-Glucanase from Streptomyces SP. EF-14, an Actinomycete Antagonistic to Phytophthora spp."; Applied Microbiology Biotechnology; pp. 117-123
	AS	
	AT	

EXAMINER \_\_\_\_\_ DATE CONSIDERED \_\_\_\_\_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.